Subject Index, Volume 169

AB = Abstract; BR = Book Review; EO = Editorial Opinion; LE = Letter to the Editor

ACETAMINOPHEN
Bioavailability of Medication Delivered Via Nasogastric Tube is Decreased in the Immediate Postoperative Period; 430

ACHALASIA
Laparoscopic Approach to Esophageal Achalasia; 424

ACUTE PANCREATITIS
Isovolemic Hemodilution With Dextran Prevents Contrast Medium Induced Impairment of Pancreatic Microcirculation in Necrotizing Pancreatitis of the Rat; 161
Mechanisms of Sepsis in Acute Pancreatitis in Opossums; 227

ADENOCARCINOMA
A Pilot Study of Preoperative Chemoradiation for Patients With Localized Adenocarcinoma of the Pancreas; 71

ADJUVANT THERAPY
Changes in the Surgical Management of Esophageal Cancer from 1970 to 1993; 609

ANAL ADENOCARCINOMA
Prognosis and Recurrence Patterns of Anal Adenocarcinoma; 233

ANAL SPHINCTERS
Level of the Anastomosis Does Not Influence Functional Outcome After Anterior Rectal Resection for Rectal Cancer; 147

ANASTOMOSIS
The Role of One-Stage Surgery in Acute Left-Sided Colonic Obstruction; 406
Optimizing Results and Techniques of Mesenteric Lengthening in Ileal Pouch-Anal Anastomosis; 499

ANASTOMOTIC LEAKS
Esophagogastrostomy Anastomotic Leaks Complicating Esophagectomy: A Review; 634

ANGIOGRAPH
The Management of Splenic Artery Aneurysms: Experience With 23 Cases; 580

ANORECTALMANOMETRY
Level of the Anastomosis Does Not Influence Functional Outcome After Anterior Rectal Resection for Rectal Cancer; 147

ANTINEOPLASTICS
Treatment of Metastatic Carcinoid Tumors Using Multimodality Therapy of Octreotide Acetate, Intra-Arterial Chemotherapy, and Hepatic Arterial Chemoembolization; 523

APPENDECTOMY
A Prospective, Randomized Comparison of Laparoscopic Appendectomy With Open Appendectomy; 208

APROTININ
Aprotinin Reduces the Need for Blood Products During Liver Transplantation; 546

ARTERIES
Effect of Multilevel Sequential Stenosis on Lower Extremity Arterial Duplex Scanning; 564

ASPIRATION PNEUMONIA
Gastrointestinal Function Following Esophagectomy for Malignancy; 471

ATELECTASIS
Multivariate Analysis of Risk Factors for Postoperative Pneumonia; 304

ATHEROSCLEROSIS
Usefulness of Fasting and Postprandial Duplex Ultrasound Examinations for Predicting High-Grade Superior Mesenteric Artery Stenosis; 476

ACINAR-CELL HYPERSTIMULATION
Enteral Bile-Pancreatic Juice Replacement Rather Than Cholinergic-and Cholecystokinin-Receptor Blockade Reverses Acinar-Cell Hyperstimulation After Bile-Pancreatic Duct Ligation (AB); 455

AXILLOFEMORAL GRAFTS
Upper Extremity Thromboembolism Caused by Occlusion of Axillofemoral Grafts; 492

BACTERIAL OVERGROWTH
Amelioration of Intestinal Dysmotility and Stasis by Octreotide Early After Small-Bowel Autotransplantation in Dogs; 294

BARRETT'S ESOPHAGUS
Does Duodenal Juice Reflux Into the Esophagus of Patients With Complicated GERD? Evaluation of a Fiberoptic Sensor for Bilirubin; 98

BILE AND PANCREATIC JUICE
Bile and Pancreatic Juice Replacement Ameliorates Early Ligation-Induced Acute Pancreatitis in Rats; 391
Enteral Bile-Pancreatic Juice Replacement Rather Than Cholinergic-and Cholecystokinin-Receptor Blockade Reverses Acinar-Cell Hyperstimulation After Bile-Pancreatic Duct Ligation (AB); 455

BILE DUCT INJURIES
Intraoperative Cholangiography Is Not Essential to Avoid Duct Injuries During Laparoscopic Cholecystectomy; 344

BILE REFLUX
Mechanisms of Sepsis in Acute Pancreatitis in Opossums; 227

BILE STONES
The Fate of Lost Stones After Laparoscopic Cholecystectomy (LE); 282

BILIARY COLIC
What Symptoms Does Cholecystectomy Cure? Insights from an Outcomes Measurement Project and Review of the Literature; 533

BILIARY LITHIASIS
Traditional Surgical Management of Common Bile Duct Stones: A Prospective Study During a 20-Year Experience; 220

BILITEC 2000
Does Duodenal Juice Reflux Into the Esophagus of Patients With Complicated GERD? Evaluation of a Fiberoptic Sensor for Bilirubin; 98

BIOAVAILABILITY
Bioavailability of Medication Delivered Via Nasogastric Tube is Decreased in the Immediate Postoperative Period; 430

BLOOD FLOW
Hemodynamic Parameters of Failing Infrainguinal Bypass Grafts; 238
Temporary Portocaval Anastomosis With Preservation of Caval Flow During Orthotopic Liver Transplantation; 277

BLUNT HEPATIC INJURIES
The Current Status of Nonoperative Management of Adult Blunt Hepatic Injuries; 442

BREAST CANCER
The Natural History of Breast Cancer With More Than 10 Positive Nodes; 575

BREAST LESIONS
Use of the "Triple Test" for Palpable Breast Lesions Yields High Diagnostic Accuracy and Cost Savings; 519

BYPASS
Upper Extremity Thromboembolism Caused by Occlusion of Axillofemoral Grafts; 492

CA 19-9
Comparison of Serum CA 72-4 and CA 19-9 Levels in Gastric Cancer Patients and Correlation With Recurrence; 595

CA 72-4
Comparison of Serum CA 72-4 and CA 19-9 Levels in Gastric Cancer Patients and Correlation With Recurrence; 595

CA^{2+}-Calmodulin
Ca^{2+}-Calmodulin Downregulation Alters Chloride Secretion During Gallstone Formation (AB); 456

CALCIUM
Hypercalcemia Causes Acute Pancreatitis by Pancreatic Secretory Block, Intracellular Zymogen Accumulation, and Acinar Cell Injury; 167

CANCER
Surgical Treatment of Carcinoma of the Proximal Esophagus; 386
The Ultimate Modification in the Modified Neck Dissection; 280

CANDIDA SEPSIS
Candida Sepsis in Surgery (LE); 283

CARBOXYMETHYLCELLULOSE
Evaluation of a Carboxymethylcellulose Sponge for Prevention of Postoperative Adhesions; 154

CARCINOEMBRYONIC ANTIGEN
Biliary CEA Levels: A Marker for Cholangiocarcinoma (AB); 462

CARCINOID
Hepatic resection for Metastatic Neuroendocrine Carcinomas; 36
Treatment of Metastatic Carcinoid Tumors Using Multimodality Therapy of Octreotide Acetate, Intra-Arterial Chemotherapy, and Hepatic Arterial Chemoembolization; 523

CARDIA CANCER
Prognostic Factors in Adenocarcinoma of the Cardia; 316

CARDIAC DISEASE
Benefits of Pulmonary Artery Catheter and Transesophageal Echocardiographic Monitoring in Laparoscopic Cholecystectomy Patients With Cardiac Disease; 202

CARDIAC TUMORS
Atrial Myxomas: Experiences With 35 Patients in Hawaii; 600

CARDIOPULMONARY LIFE SUPPORT
Extracorporeal Cardiopulmonary Life Support With Heparin-Bonded Circuitry in the Resuscitation of Massively Injured Trauma Patients; 488

CAREER DEVELOPMENT
The Relationship Between Career Satisfaction and Fellowship Training in Academic Surgeons; 329

CAROTID STENOSIS
Cross-Filling of Circle of Willis and Carotid Stenosis by Angiography, Duplex, Ultrasound, and Oculopneumoplethysmography; 308

CAROTID ENDARTERECTOMY
Cost-Effective Carotid Endarterectomy; 516
Short-Stay Carotid Endarterectomy Is Safe and Cost-Effective; 512

CELIAC
The Management of Splenic Artery Aneurysms: Experience With 23 Cases; 580

CEPHALOSPORIN TISSUE CONCENTRATION
Influence of Timing of Antibiotic Administration on Tissue Concentrations During Surgery; 379

CEPHALOSPORINS
Clostridium difficile Colitis: An Increasing Hospital-Acquired Illness; 480

CEREBRAL ANGIOGRAPHY
Short-Stay Carotid Endarterectomy Is Safe and Cost-Effective; 512

CHEMOTHERAPY
A Pilot Study of Preoperative Chemoradiation for Patients With Localized Adenocarcinoma of the Pancreas; 71
Postoperative Prophylactic Lipiodolization Reduces the Intrahepatic Recurrence of Hepatocellular Carcinoma; 400
Treating Esophageal Cancer With a Combination of Chemotherapy, Radiation, and Excision; 557

CHILDREN
Is Routine Contralateral Exploration Advisable for Children With Unilateral Inguinal Hernias? (EO); 285
Secretion of Gastrin-Releasing Peptide by Retroperitoneal Tumors; 550
The Surgical Implications of Chronic Granulomatous Disease; 320

CHLORIDE ION SECRETION
Activation of Intestinal Na-K-2Cl Cotransport by 5'-Amp Requires F-Actin Remodeling; 50

CHOLANGIOCARCINOMA
Biliary CEA Levels: A Marker for Cholangiocarcinoma (AB); 462

CHOLANGIOPANCREATOGRAPHY
Management of Common Bile Duct Stones in the Era of Laparoscopic Cholecystectomy; 273

CHOLECYSTECTOMY
What Symptoms Does Cholecystectomy Cure? Insights from an Outcomes Measurement Project and Review of the Literature; 533

CHOLECYSTOKININ
Cholecystokinin Is Partly Responsible for Reduced Food Intake and Body Weight Loss After Total Gastrectomy in Rats; 265

CHRONIC GRANULOMATOUS DISEASE
The Surgical Implications of Chronic Granulomatous Disease; 320

CHRONIC PANCREATITIS
Alterations in Hepatocyte Insulin Binding in Chronic Pancreatitis: Effects of Pancreatic Polypeptide; 105
One Hundred Pancreaticoduodenectomies Performed for Benign Disease (AB); 462
Randomized Trial of Duodenum-Preserving Pancreatic Head Resection Versus Pylorus-Preserving Whipple in Chronic Pancreatitis; 65

CIRCLE OF WILLIS
Cross-Filling of Circle of Willis and Carotid Stenosis by Angiography, Duplex, Ultrasound, and Oculopneumoplethysmography; 308

CIRRHOSIS
Factors Affecting Long-Term Outcome After Hepatic Resection For Hepatocellular Carcinoma; 28

CLAVICLES
Access to the Superior Mediastinum; 348

CLINICAL COMPETENCE
Checklist Self-Evaluation in a Standardized Patient Exercise; 418
The Relationship Between Faculty Ward Evaluations, OSCE, and AB-SITE as measures of Surgical Intern Performance; 414

CLOSTRIDIUM DIFFICILE
Clostridium difficile Colitis: An Increasing Hospital-Acquired Illness; 480

COAGULOPATHY
Aprotinin Reduces the Need for Blood Products During Liver Transplantation; 546

COLLAGEN/SYNTHESIS
Sepsis Impairs Colonic Reparative Collagen Synthesis (AB); 457

COLON
Clostridium difficile Colitis: An Increasing Hospital-Acquired Illness; 480
Cytokines in Crohn's Colitis; 133
Development and Characterization of Normal Colonic Epithelial Cell Lines Derived From Normal Mucosa of Patients With Colon Cancer; 190
Primary Malignant Lymphoma of the Intestine; 433
Sepsis Impairs Colonic Reparative Collagen Synthesis (AB); 457

COLON CANCER
Development and Characterization of Normal Colonic Epithelial Cell Lines Derived From Normal Mucosa of Patients With Colon Cancer; 190

COLON RESECTION
Is Complete Laparoscopic Colectomy Superior to Laparoscopic-Assisted Colectomy? (AB); 459

COLONIC OBSTRUCTION
The Role of One-Stage Surgery in Acute Left-Sided Colonic Obstruction; 406

COLONOCYTES
Development and Characterization of Normal Colonic Epithelial Cell Lines Derived From Normal Mucosa of Patients With Colon Cancer; 190

COLORECTAL CANCER
Analyses of Protein Kinase C Isoform Expression in a Colorectal Cancer Liver Metastasis Model; 57
The Clinical and Genetic Manifestations of Hereditary Nonpolyposis Colorectal Carcinoma; 368

COMMON BILE DUCT STONES
Management and Long-Term Follow-Up of Patients With Positive Cholangiograms During Laparoscopic Cholecystectomy; 484
Management of Common Bile Duct Stones in the Era of Laparoscopic Cholecystectomy; 273
Traditional Surgical Management of Common Bile Duct Stones: A Prospective Study During a 20-Year Experience; 220

COMPLICATIONS
Outcome of Early Surgical Complications Following Ileoanal Pouch Operation Without Diverting Ileostomy; 143

CONTRAST MEDIUM
Isovolemic Hemodilution With Dextran Prevents Contrast Medium Induced Impairment of Pancreatic Microcirculation in Necrotizing Pancreatitis of the Rat; 161

COST ANALYSIS
A Prospective Cost Analysis of Laparoscopic Cholecystectomy; 503

CROHN'S COLITIS
Cytokines in Crohn's Colitis; 133

CURRICULUM
Description and Results of a Needs Assessment in Preparation for the "Surgeons as Educators" Course; 410

CYSTIC LESIONS
Tissue Polypeptide Antigen in Pancreatic Cyst Fluid: A Proliferation Antigen that Distinguishes Malignant Mucinous Cystadenocarcinomas from Benign Cystic Tumors and Pseudocysts (AB); 456

CYTOKINES
Cytokines in Crohn's Colitis; 133

DEEP VEIN THROMBOSIS
A Comparative Trial of a Low Molecular Weight Heparin (Enoxaparin) Versus Standard Heparin for the Prophylaxis of Postoperative Deep Vein Thrombosis in General Surgery; 567
Postoperative Fatal Pulmonary Embolism in a General Surgical Department; 214

DIVERTING ILEOSTOMY
Outcome of Early Surgical Complications Following Ileoanal Pouch Operation Without Diverting Ileostomy; 143

DUCT LIGATION
Bile and Pancreatic Juice Replacement Ameliorates Early Ligation-Induced Acute Pancreatitis in Rats; 391
Enteral Bile-Pancreatic Juice Replacement Rather Than Cholinergic-and Cholecystokinin-Receptor Blockade Reverses Acinar-Cell Hyperstimulation After Bile-Pancreatic Duct Ligation (AB); 455

DUODENAL OBSTRUCTION
Laparoscopic Gastroenterostomy for Duodenal Obstruction; 539

DUODENOGASTROESOPHAGEAL REFLUX
Does Duodenal Juice Reflux Into the Esophagus of Patients With Complicated GERD? Evaluation of a Fiberoptic Sensor for Bilirubin; 98

DUPLEX ULTRASOUND
Effect of Multilevel Sequential Stenosis on Lower Extremity Arterial Duplex Scanning; 564
Hemodynamic Parameters of Failing Infrainguinal Bypass Grafts; 238
Usefulness of Fasting and Postprandial Duplex Ultrasound Examinations for Predicting High-Grade Superior Mesenteric Artery Stenosis; 476
Venous Hemodynamic Abnormalities in Patients With Leg Ulceration; 572

DYSPHAGIA
Gastrointestinal Function Following Esophagectomy for Malignancy; 471

ECHOCARDIOGRAPHY
Atrial Myxomas: Experiences With 35 Patients in Hawaii; 600

EMBOLISM
Upper Extremity Thromboembolism Caused by Occlusion of Axillofemoral Grafts; 492

ENDOSCOPIC RETROGRADE CHOLANGIOGRAPHY
Intraoperative Cholangiography Is Not Essential to Avoid Duct Injuries During Laparoscopic Cholecystectomy; 344
Management of Common Bile Duct Stones in the Era of Laparoscopic Cholecystectomy; 273

ENDOSCOPIC SPHINCTEROTOMY
Intraoperative Cholangiography Is Not Essential to Avoid Duct Injuries During Laparoscopic Cholecystectomy; 344

ENDOTHELIAL-LEUKOCYTE INTERACTIONS
Endothelial-Leukocyte Interactions in the Neutrophil Cascade (LE); 186

ENDOTHELIN
Endothelial-Leukocyte Interactions in the Neutrophil Cascade (LE); 186

ENDOTOXIN INHIBITOR
Endotoxin Inhibitor Prevents Sepsis-Induced Alterations in Intestinal Ion Transport (AB); 458

ENTERAL NUTRITION
Endoscopic Jejunal Access for Enteral Feeding; 627

EPIDERMAL GROWTH FACTOR
Octreotide's (SMS) Detrimental Effect on Adaptation Is Reversed by Epidermal Growth Factor (EGF) (AB); 463

EPIDURAL ANALGESIA
Epidural Analgesia Shortens Postoperative Ileus After Ileal Pouch-Anal Canal Anastomosis; 79

EPTFE MESH
Preliminary Results of a Postoperative Randomized Trial of Laparoscopic Onlay Versus Conventional Inguinal Herniorrhaphy; 84

ESOPHAGEAL CANCER
Changes in the Surgical Management of

Esophageal Cancer from 1970 to 1993; 609
Treating Esophageal Cancer With a Combination of Chemotherapy, Radiation, and Excision; 557

ESOPHAGEAL PERFORATION
Current Results of Therapy for Esophageal Perforation; 615

ESOPHAGECTOMY
Esophagogastrostomy Anastomotic Leaks Complicating Esophagectomy: A Review; 634
Gastrointestinal Function Following Esophagectomy for Malignancy; 471
Treating Esophageal Cancer With a Combination of Chemotherapy, Radiation, and Excision; 557

ESOPHAGOGASTROSTOMY
Esophagogastrostomy Anastomotic Leaks Complicating Esophagectomy: A Review; 634

ESOPHAGOMYOTOMY
Safe Laparoscopic Dissection of the Gastroesophageal Junction; 507

ESOPHAGUS
Current Results of Therapy for Esophageal Perforation; 615
Laparoscopic Approach to Esophageal Achalasia; 424
Surgical Treatment of Carcinoma of the Proximal Esophagus; 386

EXTREMITIES
Effect of Multilevel Sequential Stenosis on Lower Extremity Arterial Duplex Scanning; 564

FACULTY DEVELOPMENT
Description and Results of a Needs Assessment in Preparation for the "Surgeons as Educators" Course; 410

FELLOWSHIP TRAINING
The Relationship Between Career Satisfaction and Fellowship Training in Academic Surgeons; 329

FETAL DEVELOPMENT
Functional and Morphological Changes in the Fetal Intestinal Mucosa in Experimental Gastroschisis (AB); 458

FIBEROPTIC SENSOR
Does Duodenal Juice Reflux Into the Esophagus of Patients With Complicated GERD? Evaluation of a Fiberoptic Sensor for Bilirubin; 98

FINE NEEDLE ASPIRATION
Use of the "Triple Test" for Palpable Breast Lesions Yields High Diagnostic Accuracy and Cost Savings; 519

FUNCTIONAL INDEX
Functional Assessment of Ileal Pouch-Anal Anastomotic Techniques; 137

FUNDOPLICATION
Safe Laparoscopic Dissection of the Gastroesophageal Junction; 507

GALLBLADDER
Twenty-Five Years of Gallbladder Surgery in a Small Rural Hospital; 313
What Symptoms Does Cholecystectomy Cure? Insights from an Outcomes Measurement Project and Review of the Literature; 533

GALLSTONES
Ca^{2+}-Calmodulin Downregulation Alters Chloride Secretion During Gallstone Formation (AB); 456
The Fate of Lost Stones After Laparoscopic Cholecystectomy (LE); 282
A Multicenter, Placebo-Controlled, Randomized, Double-Blind Prospective Trial of Prophylactic Ursodiol for the Prevention of Gallstone Formation Following Gastric-Bypass-Induced Rapid Weight Loss; 91
The Utility of Prophylactic Laparoscopic Cholecystectomy in Transplant Candidates; 44

GASTROENTEROSTOMY
Laparoscopic Gastroenterostomy for Duodenal Obstruction; 539

GASTRECTOMY
The Effect of Roux-en-Y Diversion on Gastric and Roux-Limb Emptying in a Rodent Model; 618

GASTRIC BYPASS
The Role of Gastric Surgery in the Multidisciplinary Management of Severe Obesity; 361
The Weight Reduction Operation of Choice: Vertical-Banded Gastroplasty or Gastric Bypass? (AB); 464

GASTRIC CANCER
Comparison of Serum CA 72-4 and CA 19-9 Levels in Gastric Cancer Patients and Correlation With Recurrence; 595
Effectiveness of Extended Lymphadenectomy in Noncurative Gastrectomy; 261

GASTRIC CARCINOMA
A Simple Classification of Lymph Node Level in Gastric Carcinoma; 382

GASTRIC EMPTYING
The Effect of Roux-en-Y Diversion on Gastric and Roux-Limb Emptying in a Rodent Model; 618
Gastrointestinal Function Following Esophagectomy for Malignancy; 471

GASTRIC STAPLING
Can Morbidly Obese Patients Safely Lose Weight Preoperatively?; 245

GASTRIC SURGERY
The Role of Gastric Surgery in the Multidisciplinary Management of Severe Obesity; 361

GASTRIN-RELEASING PEPTIDE
Secretion of Gastrin-Releasing Peptide by Retroperitoneal Tumors; 550

GASTROESOPHAGEAL REFLUX DISEASE
Conversions and Complications of Laparoscopic Treatment of Gastroesophageal Reflux Disease; 622
Improvement in Quality-of-Life Measures Following Laparoscopic Antireflux Surgery (AB); 460
Intermediate Follow-Up of Laparoscopic Antireflux Surgery (AB); 460

GASTROINTESTINAL SURGERY
The Antiobstruction Stitch in Stapled Roux-en-Y Enteroenterostomy; 355

GASTROSCHISIS
Functional and Morphological Changes in the Fetal Intestinal Mucosa in Experimental Gastroschisis (AB); 458

GASTROSTOMY
Laparoscopic Continent Gastrostomy; 629

GLUTAMINE
Dietary Regulation of the Hepatic System n Glutamine Transporter in Tumor-Bearing Rats; 173
Selective Downregulation of Glutamine Transport After Jejunoileal Autotransplantation (AB); 463

GUT HORMONES
Quality of Life, Nutritional Status, and Gastrointestinal Hormone Profile Following the Whipple Procedure; 179

HEALTH CARE REFORM
Health Care Reform: Residency Training and Medical Education (EO); 561
Review of *Code Blue: Health Care in Crisis* (BR); 189

HEART
Factors Influencing Outcome in Stab Wounds of the Heart; 553

HEART DISEASE
Surgery, Drugs, Lifestyle, and Hyperlipidemia (EO); 374

HEMODYNAMICS
Hemodynamic Parameters of Failing Infrainguinal Bypass Grafts; 238

HEPARIN
A Comparative Trial of a Low Molecular Weight Heparin (Enoxaparin) Versus Standard Heparin for the Prophylaxis of Postoperative Deep Vein Thrombosis in General Surgery; 567

HEPARIN-BONDED CIRCUITRY
Extracorporeal Cardiopulmonary Life Support With Heparin-Bonded Circuitry in the Resuscitation of Massively Injured Trauma Patients; 488

HEPATECTOMY
Is Simultaneous Hepatectomy and Intestinal Anastomosis Safe?; 254

HEPATIC BLOOD FLOW
Analysis of Nutrient Hepatic Blood Flow After 8-mm Versus 16-mm Portacaval H-Grafts in a Prospective Randomized Trial; 197

HEPATIC FUNCTIONAL RESERVE
Hepatic Functional Reserve in Patients With Obstructive Jaundice: An Assessment by the Redox Tolerance Test; 300

HEPATIC RESECTION
Criteria for Safe Hepatic Resection; 589
Hepatic resection for Metastatic Neuroendocrine Carcinomas; 36

HEPATOCELLULAR CARCINOMA
Factors Affecting Long-Term Outcome After Hepatic Resection For Hepatocellular Carcinoma; 28
Postoperative Prophylactic Lipiodolization Reduces the Intrahepatic Recurrence of Hepatocellular Carcinoma; 400

HILAR CHOLANGIOCARCINOMA
Stented Hepaticojejunostomies After Resection for Cholangiocarcinoma Allow Access for Subsequent Diagnosis and Therapy; 428

HOSPITAL COSTS
Cost-Effective Carotid Endarterectomy; 516
High Diagnostic Accuracy and Cost Savings; 519
Hyperbaric Oxygen Treatment of Necrotizing Fasciitis (LE); 187
A Prospective Cost Analysis of Laparoscopic Cholecystectomy; 503
Short-Stay Carotid Endarterectomy Is Safe and Cost-Effective; 512
Use of the "Triple Test" for Palpable Breast Lesions Yields

HYPERCALCEMIA
Glucose-Induced Islet Hyperemia Is Mediated by Nitric Oxide (AB); 455
Hypercalcemia Causes Acute Pancreatitis by Pancreatic Secretory Block, Intracellular Zymogen Accumulation, and Acinar Cell Injury; 167

HYPERLIPIDEMIA
Surgery, Drugs, Lifestyle, and Hyperlipidemia (EO); 374

IATROGENIC
Major Vascular Injuries During Laparoscopic Procedures; 543

ILEAL POUCH
Epidural Analgesia Shortens Postoperative Ileus After Ileal Pouch-Anal Canal Anastomosis; 79
Functional Assessment of Ileal Pouch-Anal Anastomotic Techniques; 137
Optimizing Results and Techniques of Mesenteric Lengthening in Ileal Pouch-Anal Anastomosis; 499
Outcome of Early Surgical Complications Following Ileoanal Pouch Operation Without Diverting Ileostomy; 143

IMMUNOCYTOCHEMISTRY
Evaluation of a Carboxymethylcellulose Sponge for Prevention of Postoperative Adhesions; 154

IMPLANTABLE INFUSION PORTS
A Technique for the Exchange of Tunneled Polymeric Silicone Catheters and Implantable Infusion Ports; 631

INFECTION
Hyperbaric Oxygen Treatment of Necrotizing Fasciitis (LE); 187

INFLAMMATORY BOWEL DISEASE
Laparoscopic Surgery in the Management of Inflammatory Bowel Disease: A Viable Option (AB); 459

INFORMED CONSENT
Patients' Attitudes Toward the Involvement of Medical Students in Their Care; 421

INFRAINGUINAL BYPASS GRAFTS
Hemodynamic Parameters of Failing Infrainguinal Bypass Grafts; 238

INGUINAL HERNIA
Laparoscopic Inguinal Hernia Repair (BR); 560

INGUINAL HERNIORRHAPHY
Is Routine Contralateral Exploration Advisable for Children With Unilateral Inguinal Hernias? (EO); 285
Preliminary Results of a Postoperative Randomized Trial of Laparoscopic Onlay Versus Conventional Inguinal Herniorrhaphy; 84

INHERITED CANCERS
The Clinical and Genetic Manifestations of Hereditary Nonpolyposis Colorectal Carcinoma; 368

INSULIN RECEPTOR
Alterations in Hepatocyte Insulin Binding in Chronic Pancreatitis: Effects of Pancreatic Polypeptide; 105

INTERNSHIP
The Relationship Between Faculty Ward Evaluations, OSCE, and AB-SITE as Measures of Surgical Intern Performance; 414

INTESTINAL ISCHEMIA
Usefulness of Fasting and Postprandial Duplex Ultrasound Examinations for Predicting High-Grade Superior Mesenteric Artery Stenosis; 476

INTESTINAL LENGTHENING
Effect of Intestinal Tapering and Lengthening on Intestinal Structure and Function; 111

INTESTINAL MOTILITY
Amelioration of Intestinal Dysmotility and Stasis by Octreotide Early After Small-Bowel Autotransplantation in Dogs; 294
Epidural Analgesia Shortens Postoperative Ileus After Ileal Pouch-Anal Canal Anastomosis; 79

INTESTINAL NEOMUCOSA
Does Neomucosa Induced by Small Bowel Stem Cell Transplantation Have Adequate Function?; 120

INTESTINAL RESECTION
Effect of Intestinal Tapering and Lengthening on Intestinal Structure and Function; 111

INTESTINAL SUTURES
Is Simultaneous Hepatectomy and Intestinal Anastomosis Safe?; 254

INTESTINAL TRANSIT
The Effect of Roux-en-Y Diversion on Gastric and Roux-Limb Emptying in a Rodent Model; 618

INTESTINAL TRANSPLANTATION
Selective Downregulation of Glutamine Transport After Jejunoileal Autotransplantation (AB); 463

INTESTINE
Activation of Intestinal Na-K-2Cl Cotransport by 5'-Amp Requires F-Actin Remodeling; 50
Endotoxin Inhibitor Prevents Sepsis-Induced Alterations in Intestinal Ion Transport (AB); 458
Functional and Morphological Changes in the Fetal Intestinal Mucosa in Experimental Gastroschisis (AB); 458
Primary Malignant Lymphoma of the Intestine; 433

INTRAOPERATIVE CHOLANGIOGRAPHY
Management and Long-Term Follow-Up of Patients With Positive Cholangiograms During Laparoscopic Cholecystectomy; 484

ION TRANSPORT
Endotoxin Inhibitor Prevents Sepsis-Induced Alterations in Intestinal Ion Transport (AB); 458

ISLET BLOOD FLOW
Glucose-Induced Islet Hyperemia Is Mediated by Nitric Oxide (AB); 455

ISOVOLEMIC HEMODILUTION
Isovolemic Hemodilution With Dextran Prevents Contrast Medium Induced Impairment of Pancreatic Microcirculation in Necrotizing Pancreatitis of the Rat; 161

LAPAROSCOPIC CHOLECYSTECTOMY
Benefits of Pulmonary Artery Catheter and Transesophageal Echocardiographic Monitoring in Laparoscopic Cholecystectomy Patients With Cardiac Disease; 202
The Fate of Lost Stones After Laparoscopic Cholecystectomy (LE); 282
Intraoperative Cholangiography Is Not Essential to Avoid Duct Injuries During Laparoscopic Cholecystectomy; 344
Management of Common Bile Duct Stones in the Era of Laparoscopic Cholecystectomy; 273
Management and Long-Term Follow-Up of Patients With Positive Cholangiograms During Laparoscopic Cholecystectomy; 484
A Prospective Cost Analysis of Laparoscopic Cholecystectomy; 503
The Utility of Prophylactic Laparoscopic Cholecystectomy in Transplant Candidates; 44

LAPAROSCOPY
Conversions and Complications of Laparoscopic Treatment of Gastroesophageal Reflux Disease; 622
Improvement in Quality-of-Life Measures Following Laparoscopic Antireflux Surgery (AB); 460
Intermediate Follow-Up of Laparoscopic Antireflux Surgery (AB); 460
Is Complete Laparoscopic Colectomy Superior to Laparoscopic-Assisted Colectomy? (AB); 459
Laparoscopic Approach to Esophageal Achalasia; 424
Laparoscopic Continent Gastrostomy; 629
Laparoscopic Gastroenterostomy for Duodenal Obstruction; 539
Laparoscopic Inguinal Hernia (BR); 560
Laparoscopic Lumbar Discectomy; 496
Laparoscopic Splenectomy (LE); 282
Laparoscopic Surgery in the Management of Inflammatory Bowel Disease: A Viable Option (AB); 459
Major Vascular Injuries During Laparoscopic Procedures; 543
Preliminary Results of a Postoperative Randomized Trial of Laparoscopic Onlay Versus Conventional Inguinal Herniorrhaphy; 84
A Prospective, Randomized Comparison of Laparoscopic Appendectomy With Open Appendectomy; 208
Safe Laparoscopic Dissection of the Gastroesophageal Junction; 507
Short-Stay Carotid Endarterectomy Is Safe and Cost-Effective; 512

LENGTH OF STAY
Cost-Effective Carotid Endarterectomy; 516

LINEAR STAPLE
A Prospective, Randomized Comparison of Laparoscopic Appendectomy With Open Appendectomy; 208

LIVER
Analyses of Protein Kinase C Isoform Expression in a Colorectal Cancer Liver Metastasis Model; 57
The Current Status of Nonoperative Management of Adult Blunt Hepatic Injuries; 442
Dietary Regulation of the Hepatic System n Glutamine Transporter in Tumor-Bearing Rats; 173

LIVER METASTASIS
Is Simultaneous Hepatectomy and Intestinal Anastomosis Safe?; 254

LIVER REGENERATION
Down-Regulation of Transforming Growth Factor Beta Receptor Type I, II, and III During Liver Regeneration; 126

LIVER RESECTION
Factors Affecting Long-Term Outcome After Hepatic Resection For Hepatocellular Carcinoma; 28

LIVER TRANSPLANTATION
Aprotinin Reduces the Need for Blood Products During Liver Transplantation; 546
Living-Donor Liver Transplantation at UCLA; 529

LIVING DONORS
Living-Donor Liver Transplantation at UCLA; 529

LOVASTATIN
The Effect of Lovastatin as an Adjuvant to Mitomycin-C on the Growth of MCA-38 Cells In Vitro and In Vivo (AB); 461

LOW ANTERIOR RESECTION
Level of the Anastomosis Does Not Influence Functional Outcome After Anterior Rectal Resection for Rectal Cancer; 147

LOW MOLECULAR WEIGHT HEPARIN
A Comparative Trial of a Low Molecular Weight Heparin (Enoxaparin) Versus Standard Heparin for the Prophylaxis of Postoperative Deep Vein Thrombosis in General Surgery; 567

LUMBAR DISCECTOMY
Laparoscopic Lumbar Discectomy; 496

LYMPH NODE LEVEL
A Simple Classification of Lymph Node Level in Gastric Carcinoma; 382

LYMPHADENECTOMY
Effectiveness of Extended Lymphadenectomy in Noncurative Gastrectomy; 261

LYMPHOMA
Primary Malignant Lymphoma of the Intestine; 433

LYNCH SYNDROME
The Clinical and Genetic Manifestations of Hereditary Nonpolyposis Colorectal Carcinoma; 368

LYOPHILIZATION
Evaluation of a Carboxymethylcellulose Sponge for Prevention of Postoperative Adhesions; 154

MEDIASTINUM
Access to the Superior Mediastinum; 348

MEDICAL STUDENTS
Patients' Attitudes Toward the Involvement of Medical Students in Their Care; 421

MELANOMA
The Ultimate Modification in the Modified Neck Dissection; 280

MEMBRANE TRANSPORT
Activation of Intestinal Na-K-2Cl Cotransport by 5'-Amp Requires F-Actin Remodeling; 50

METASTASIS
Analyses of Protein Kinase C Isoform Expression in a Colorectal Cancer Liver Metastasis Model; 57

METASTATIC LIVER
Hepatic resection for Metastatic Neuroendocrine Carcinomas; 36

MICROCIRCULATION
Isovolemic Hemodilution With Dextran Prevents Contrast Medium Induced Impairment of Pancreatic Micro-

circulation in Necrotizing Pancreatitis of the Rat; 161

MINIMAL ACCESS SURGERY
Whither Minimal Access Surgery: Tribulations and Expectations; 9

MITOMYCIN-C
The Effect of Lovastatin as an Adjuvant to Mitomycin-C on the Growth of MCA-38 Cells In Vitro and In Vivo (AB); 461

MODIFIED NECK DISSECTION
The Ultimate Modification in the Modified Neck Dissection; 280

MONOCYTES
Endothelial-Leukocyte Interactions in the Neutrophil Cascade (LE); 186

MUCOSAL INJURY
Pyruvate Prevents Postischemia Mucosal Reperfusion Injury of the Small Bowel (AB); 464

MUCOSECTOMY
Functional Assessment of Ileal Pouch-Anal Anastomotic Techniques; 137

MULTISYSTEM ORGAN DYSFUNCTION
Hepatic TNF-α Production and Distant Organ Dysfunction in Obstructive Jaundice (AB); 461

MURINE COLON ADENOCARCINOMA
The Effect of Lovastatin as an Adjuvant to Mitomycin-C on the Growth of MCA-38 Cells In Vitro and In Vivo (AB); 461

NASOGASTRIC TUBE
Bioavailability of Medication Delivered Via Nasogastric Tube Is Decreased in the Immediate Postoperative Period; 430

NECROTIZING FASCIITIS
Hyperbaric Oxygen Treatment of Necrotizing Fasciitis (LE); 187

NEEDS ASSESSMENT
Description and Results of a Needs Assessment in Preparation for the "Surgeons as Educators" Course; 410

NEUROENDOCRINE TUMORS
Hepatic Resection for Metastatic Neuroendocrine Carcinomas; 36

NEUTROPHILS
Endothelial-Leukocyte Interactions in the Neutrophil Cascade (LE); 186

NITRIC OXIDE
Glucose-Induced Islet Hyperemia Is Mediated by Nitric Oxide (AB); 455
Possible Role for Oxygen Free Radicals in the Regulation of Renal Nitric Oxide Synthesis and Blood Flow; 604

NODE POSITIVE
The Natural History of Breast Cancer With More Than 10 Positive Nodes; 575

NONCURATIVE RESECTION
Effectiveness of Extended Lymphadenectomy in Noncurative Gastrectomy; 261

NONOPERATIVE MANAGEMENT
The Current Status of Nonoperative Management of Adult Blunt Hepatic Injuries; 442

NOSOCOMIAL INFECTION
Clostridium difficile Colitis: An Increasing Hospital-Acquired Illness; 480

NUCLEOTOME
Laparoscopic Lumbar Discectomy; 496

NUTRIENT DIGESTION AND ABSORPTION
Does Neomucosa Induced by Small Bowel Stem Cell Transplantation Have Adequate Function?; 120

NUTRITION
Quality of Life, Nutritional Status, and Gastrointestinal Hormone Profile Following the Whipple Procedure; 179

OBESITY
The Antiobstruction Stitch in Stapled Roux-en-Y Enteroenterostomy; 355
Can Morbidly Obese Patients Safely Lose Weight Preoperatively?; 245
The Role of Gastric Surgery in the Multidisciplinary Management of Severe Obesity; 361

OBSTRUCTIVE JAUNDICE
Hepatic Functional Reserve in Patients With Obstructive Jaundice: An Assessment by the Redox Tolerance Test; 300
Hepatic TNF-α Production and Distant Organ Dysfunction in Obstructive Jaundice (AB); 461

OCTREOTIDE
Amelioration of Intestinal Dysmotility and Stasis by Octreotide Early After Small-Bowel Autotransplantation in Dogs; 294
Octreotide's (SMS) Detrimental Effect on Adaptation Is Reversed by Epidermal Growth Factor (EGF) (AB); 463

OCTREOTIDE ACETATE
Treatment of Metastatic Carcinoid Tumors Using Multimodality Therapy of Octreotide Acetate, Intra-Arterial Chemotherapy, and Hepatic Arterial Chemoembolization; 523

ONE-STAGE SURGERY
The Role of One-Stage Surgery in Acute Left-Sided Colonic Obstruction; 406

OPEN CHOLEDOCHOTOMY
Traditional Surgical Management of Common Bile Duct Stones: A Prospective Study During a 20-Year Experience; 220

ORTHOTOPIC LIVER TRANSPLANTATION
Temporary Portocaval Anastomosis With Preservation of Caval Flow During Orthotopic Liver Transplantation; 277

OUTCOME
Outcome of Early Surgical Complications Following Ileoanal Pouch Operation Without Diverting Ileostomy; 143

OXYGEN DERIVED FREE RADICALS
Possible Role for Oxygen Free Radicals in the Regulation of Renal Nitric Oxide Synthesis and Blood Flow; 604

PANCREAS
Pancreas Club Meeting, May 15, 1994; 288
Tissue Polypeptide Antigen in Pancreatic Cyst Fluid: A Proliferation Antigen that Distinguishes Malignant Mucinous Cystadenocarcinomas from Benign Cystic Tumors and Pseudocysts (AB); 456

PANCREATECTOMY
Current Experience With Pancreatogastrostomy; 217

PANCREATIC CANCER
Adjuvant Hormonal Treatment With Peptide YY or its Analogue Decreases Human Pancreatic Carcinoma Growth and EGF-Receptor Expression (AB); 457

PANCREATIC FISTULA
Pancreaticojejunostomy Versus Controlled Pancreaticocutaneous Fistula in Pancreaticoduodenectomy for Periampullary Carcinoma; 585

PANCREATIC HEAD RESECTION
Randomized Trial of Duodenum-Preserving Pancreatic Head Resection Versus Pylorus-Preserving Whipple in Chronic Pancreatitis; 65

PANCREATIC INFECTION
Mechanisms of Sepsis in Acute Pancreatitis in Opossums; 227

PANCREATIC NEOPLASMS
A Pilot Study of Preoperative Chemoradiation for Patients With

Localized Adenocarcinoma of the Pancreas; 71

PANCREATIC POLYPEPTIDE
Alterations in Hepatocyte Insulin Binding in Chronic Pancreatitis: Effects of Pancreatic Polypeptide; 105

PANCREATICODUODENECTOMY
One Hundred Pancreaticoduodenectomies Performed for Benign Disease (AB); 462
Pancreaticojejunostomy Versus Controlled Pancreaticocutaneous Fistula in Pancreaticoduodenectomy for Periampullary Carcinoma; 585

PANCREATITIS
Bile and Pancreatic Juice Replacement Ameliorates Early Ligation-Induced Acute Pancreatitis in Rats; 391
Hypercalcemia Causes Acute Pancreatitis by Pancreatic Secretory Block, Intracellular Zymogen Accumulation, and Acinar Cell Injury; 167

PANCREATOGASTROSTOMY
Current Experience With Pancreatogastrostomy; 217

PANCREATOJEJUNOSTOMY
Current Experience With Pancreatogastrostomy; 217

PARTIAL HEPATECTOMY
Down-Regulation of Transforming Growth Factor Beta Receptor Type I, II, and III During Liver Regeneration; 126

PATTERN RECOGNITION
Assessment of a Surgical Pattern Recognition Examination; 341

PEER REVIEW
Medical and Surgical Peer Review (LE); 187

PEPTIDE YY
Adjuvant Hormonal Treatment With Peptide YY or its Analogue Decreases Human Pancreatic Carcinoma Growth and EGF-Receptor Expression (AB); 457

PERCUTANEOUS ENDOSCOPIC JEJUNOSTOMY
Endoscopic Jejunal Access for Enteral Feeding; 627

PERCUTANEOUS TRANSHEPATIC BILIARY DRAINAGE
Hepatic Functional Reserve in Patients With Obstructive Jaundice: An Assessment by the Redox Tolerance Test; 300

PERIAMPULLARY CARCINOMA
Pancreaticojejunostomy Versus Controlled Pancreaticocutaneous Fistula in Pancreaticoduodenectomy for Periampullary Carcinoma; 585

PORTAL HYPERTENSION
The Management of Splenic Artery Aneurysms: Experience With 23 Cases; 580

PORTASYSTEMIC ENCEPHALOPATHY
Analysis of Nutrient Hepatic Blood Flow After 8-mm Versus 16-mm Portacaval H-Grafts in a Prospective Randomized Trial; 197

PORTASYSTEMIC SHUNTS
Analysis of Nutrient Hepatic Blood Flow After 8-mm Versus 16-mm Portacaval H-Grafts in a Prospective Randomized Trial; 197

PORTOCAVAL ANASTOMOSIS
Temporary Portocaval Anastomosis With Preservation of Caval Flow During Orthotopic Liver Transplantation; 277

POSTOPERATIVE ILEUS
Epidural Analgesia Shortens Postoperative Ileus After Ileal Pouch-Anal Canal Anastomosis; 79

POSTOPERATIVE PNEUMONIA
Multivariate Analysis of Risk Factors for Postoperative Pneumonia; 304

PROPHYLACTIC LIPIODOLIZATION
Postoperative Prophylactic Lipiodolization Reduces the Intrahepatic Recurrence of Hepatocellular Carcinoma; 400

PROTEIN ELECTROPHORESIS
Hypercalcemia Causes Acute Pancreatitis by Pancreatic Secretory Block, Intracellular Zymogen Accumulation, and Acinar Cell Injury; 167

PROTEIN KINASE C ISOFORM
Analyses of Protein Kinase C Isoform Expression in a Colorectal Cancer Liver Metastasis Model; 57

PROXIMAL ESOPHAGEAL CANCER
Surgical Treatment of Carcinoma of the Proximal Esophagus; 386

PROXIMAL GASTRIC RESECTION
Prognostic Factors in Adenocarcinoma of the Cardia; 316

PULMONARY ARTERY CATHETER
Benefits of Pulmonary Artery Catheter and Transesophageal Echocardiographic Monitoring in Laparoscopic Cholecystectomy Patients With Cardiac Disease; 202

PULMONARY EMBOLISM
Postoperative Fatal Pulmonary Embolism in a General Surgical Department; 214

PYRUVATE
Pyruvate Prevents Postischemia Mucosal Reperfusion Injury of the Small Bowel (AB); 464

QUALITY OF LIFE
Improvement in Quality-of-Life Measures Following Laparoscopic Antireflux Surgery (AB); 460
Quality of Life, Nutritional Status, and Gastrointestinal Hormone Profile Following the Whipple Procedure; 179

RADIATION THERAPY
A Pilot Study of Preoperative Chemoradiation for Patients With Localized Adenocarcinoma of the Pancreas; 71
Treating Esophageal Cancer With a Combination of Chemotherapy, Radiation, and Excision; 557

RECTAL CANCER
Level of the Anastomosis Does Not Influence Functional Outcome After Anterior Rectal Resection for Rectal Cancer; 147

RECURRENCE
Prognosis and Recurrence Patterns of Anal Adenocarcinoma; 233

REDOX TOLERANCE TEST
Hepatic Functional Reserve in Patients With Obstructive Jaundice: An Assessment by the Redox Tolerance Test; 300

RENAL BLOOD FLOW
Possible Role for Oxygen Free Radicals in the Regulation of Renal Nitric Oxide Synthesis and Blood Flow; 604

RESECTION
Stented Hepaticojejunostomies After Resection for Cholangiocarcinoma Allow Access for Subsequent Diagnosis and Therapy; 428

RESUSCITATION
Extracorporeal Cardiopulmonary Life Support With Heparin-Bonded Circuitry in the Resuscitation of Massively Injured Trauma Patients; 488

RETROPERITONEAL TUMORS
Secretion of Gastrin-Releasing Peptide by Retroperitoneal Tumors; 550

RIB RESECTION
Long-Term Outcome of Surgery for Thoracic Outlet Syndrome; 358

RISK FACTOR
Multivariate Analysis of Risk Factors for Postoperative Pneumonia; 304

ROUX-EN-Y GASTROJEJUNOSTOMY
The Effect of Roux-en-Y Diversion on Gastric and Roux-Limb Emptying in a Rodent Model; 618

SALMONELLA
Mechanisms of Sepsis in Acute Pancreatitis in Opossums; 227

SCLEROSING CHOLANGITIS
Biliary CEA Levels: A Marker for Cholangiocarcinoma (AB); 462

SENSORY NERVE SPARING
The Ultimate Modification in the Modified Neck Dissection; 280

SEPSIS
Endotoxin Inhibitor Prevents Sepsis-Induced Alterations in Intestinal Ion Transport (AB); 458
Sepsis Impairs Colonic Reparative Collagen Synthesis (AB); 457

SEPTECTOMY
Atrial Myxomas: Experiences With 35 Patients in Hawaii; 600

SERUM MARKERS
Comparison of Serum CA 72-4 and CA 19-9 Levels in Gastric Cancer Patients and Correlation With Recurrence; 595

SHORT BOWEL SYNDROME
Effect of Intestinal Tapering and Lengthening on Intestinal Structure and Function; 111

SHORT GUT SYNDROME
Octreotide's (SMS) Detrimental Effect on Adaptation Is Reversed by Epidermal Growth Factor (EGF)(AB); 463

SMALL BOWEL
Amelioration of Intestinal Dysmotility and Stasis by Octreotide Early After Small-Bowel Autotransplantation in Dogs; 294
Pyruvate Prevents postischemia Mucosal Reperfusion Injury of the Small Bowel (AB); 464

SMALL INTESTINE
The Antiobstruction Stitch in Stapled Roux-en-Y Enteroenterostomy; 355
Correction of Congenital Indirect Hyperbilirubinemia by Small Intestinal Transplantation; 20

SOMATOSTATIN ANALOG
Treatment of Metastatic Carcinoid Tumors Using Multimodality Therapy of Octreotide Acetate, Intra-Arterial Chemotherapy, and Hepatic Arterial Chemoembolization; 523

SPLEEN
Laparoscopic Splenectomy (LE); 282

SPLENIC ANEURYSMS
The Management of Splenic Artery Aneurysms: Experience With 23 Cases; 580

STANDARDIZED PATIENT
Checklist Self-Evaluation in a Standardized Patient Exercise; 418

STEM CELLS
Does Neomucosa Induced by Small Bowel Stem Cell Transplantation Have Adequate Function?; 120

STENTS
Stented Hepaticojejunostomies After Resection for Cholangiocarcinoma Allow Access for Subsequent Diagnosis and Therapy; 428

STERNUM
Access to the Superior Mediastinum; 348

SUPERIOR MESENTERIC ARTERY
Usefulness of Fasting and Postprandial Duplex Ultrasound Examinations for Predicting High-Grade Superior Mesenteric Artery Stenosis; 476

SURGEON'S GOWN
Divide and Conquer—Protection, Comfort, and Cost of the Surgeon's Gown (EO); 286

SURGERY
Changes in the Surgical Management of Esophageal Cancer from 1970 to 1993; 609
"Don't Look Back—Something Might Be Gaining On You"; 2
Postoperative Fatal Pulmonary Embolism in a General Surgical Department; 214

SURGICAL ACCESS
Access to the Superior Mediastinum; 348

SURGICAL EDUCATION
Assessment of a Surgical Pattern Recognition Examination; 341
Checklist Self-Evaluation in a Standardized Patient Exercise; 418
Description and Results of a Needs Assessment in Preparation for the "Surgeons as Educators" Course; 410
"Don't Look Back—Something Might Be Gaining On You"; 2
Health Care Reform: Residency Training and Medical Education (EO); 561
Is There Value in Audition Extramurals?; 338
The Legacy of J. Englebert Dunphy; 466
A Modest Proposal Regarding the Orphan Child of Academic Surgery—Teaching; 324
Priorities in General Surgical Training; 271
Problems With the Fourth-Year Curriculum of Students Entering Surgical Residencies; 334
The Relationship Between Career Satisfaction and Fellowship Training in Academic Surgeons; 329
The Relationship Between Faculty Ward Evaluations, OSCE, and AB-SITE as Measures of Surgical Intern Performance; 414

SURGICAL JUDGMENT
Priorities in General Surgical Training; 271

SURGICAL PROPHYLAXIS
Influence of Timing of Antibiotic Administration on Tissue Concentrations During Surgery; 379

SURGICAL TECHNIQUE
The Antiobstruction Stitch in Stapled Roux-en-Y Enteroenterostomy; 355
Living-Donor Liver Transplantation at UCLA; 529
Optimizing Results and Techniques of Mesenteric Lengthening in Ileal Pouch-Anal Anastomosis; 499
Priorities in General Surgical Training; 271
A Technique for the Exchange of Tunneled Polymeric Silicone Catheters and Implantable Infusion Ports; 631

SURVIVAL RATES
Prognostic Factors in Adenocarcinoma of the Cardia; 316

SYSTEM n
Dietary Regulation of the Hepatic System n Glutamine Transporter in Tumor-Bearing Rats; 173

THORACIC OUTLET SYNDROME
Long-Term Outcome of Surgery for Thoracic Outlet Syndrome; 358

THROMBOPROPHYLAXIS
A Comparative Trial of a Low Molecular Weight Heparin (Enoxaparin) Versus Standard Heparin for the Prophylaxis of Postoperative Deep Vein Thrombosis in General Surgery; 567

THROMBOSIS
Upper Extremity Thromboembolism Caused by Occlusion of Axillofemoral Grafts; 492

TIMING
Influence of Timing of Antibiotic Administration on Tissue Concentrations During Surgery; 379

TISSUE POLYPEPTIDE ANTIGEN
Tissue Polypeptide Antigen in Pancreatic Cyst Fluid: A Proliferation Antigen that Distinguishes Malignant Mucinous Cystadenocarcinomas from Benign Cystic Tumors and Pseudocysts (AB); 456

TNF-α
Hepatic TNF-α Production and Distant Organ Dysfunction in Obstructive Jaundice (AB); 461

TOTAL GASTRECTOMY
Cholecystokinin Is Partly Responsible for Reduced Food Intake and Body Weight Loss After Total Gastrectomy in Rats; 265
Prognostic Factors in Adenocarcinoma of the Cardia; 316

TOTAL PARENTERAL NUTRITION
Candida Sepsis in Surgery (LE); 283

TRANSESOPHAGEAL ECHOCARDIOGRAPHY
Benefits of Pulmonary Artery Catheter and Transesophageal Echocardiographic Monitoring in Laparoscopic Cholecystectomy Patients With Cardiac Disease; 202

TRANSFORMING GROWTH FACTOR BETA
Down-Regulation of Transforming Growth Factor Beta Receptor Type I, II, and III During Liver Regeneration; 126
Evaluation of a Carboxymethylcellulose Sponge for Prevention of Postoperative Adhesions; 154

TRANSPLANTATION
Correction of Congenital Indirect Hyperbilirubinemia by Small Intestinal Transplantation; 20
The Utility of Prophylactic Laparoscopic Cholecystectomy in Transplant Candidates; 44

TRAUMA
Extracorporeal Cardiopulmonary Life Support With Heparin-Bonded Circuitry in the Resuscitation of Massively Injured Trauma Patients; 488
Factors Influencing Outcome in Stab Wounds of the Heart; 553

TRIPLE TEST
Use of the "Triple Test" for Palpable Breast Lesions Yields High Diagnostic Accuracy and Cost Savings; 519

TUMOR PROGRESSION
Development and Characterization of Normal Colonic Epithelial Cell Lines Derived From Normal Mucosa of Patients With Colon Cancer; 190

TUNNELED SILICONE CATHETERS
A Technique for the Exchange of Tunneled Polymeric Silicone Catheters and Implantable Infusion Ports; 631

UNILATERAL INGUINAL HERNIA
Is Routine Contralateral Exploration Advisable for Children With Unilateral Inguinal Hernias? (EO); 285

URSODIOL
A Multicenter, Placebo-Controlled, Randomized, Double-Blind Prospective Trial of Prophylactic Ursodiol for the Prevention of Gallstone Formation Following Gastric-Bypass-Induced Rapid Weight Loss; 91

URSODEOXYCHOLIC ACID
A Multicenter, Placebo-Controlled, Randomized, Double-Blind Prospective Trial of Prophylactic Ursodiol for the Prevention of Gallstone Formation Following Gastric-Bypass-Induced Rapid Weight Loss; 91

VAGOTOMY
Safe Laparoscopic Dissection of the Gastroesophageal Junction; 507

VASCULAR INJURY
Major Vascular Injuries During Laparoscopic Procedures; 543

VENOUS ULCERATION
Venous Hemodynamic Abnormalities in Patients With Leg Ulceration; 572

VERTICAL-BANDED GASTROPLASTY
The Role of Gastric Surgery in the Multidisciplinary Management of Severe Obesity; 361
The Weight Reduction Operation of Choice: Vertical-Banded Gastroplasty or Gastric Bypass? (AB); 464

WEIGHT LOSS
Can Morbidly Obese Patients Safely Lose Weight Preoperatively?; 245
Cholecystokinin Is Partly Responsible for Reduced Food Intake and Body Weight Loss After Total Gastrectomy in Rats; 265
A Multicenter, Placebo-Controlled, Randomized, Double-Blind Prospective Trial of Prophylactic Ursodiol for the Prevention of Gallstone Formation Following Gastric-Bypass-Induced Rapid Weight Loss; 91
The Weight Reduction Operation of Choice: Vertical-Banded Gastroplasty or Gastric Bypass? (AB); 464

WHIPPLE PROCEDURE
Current Experience With Pancreatogastrostomy; 217
Quality of Life, Nutritional Status, and Gastrointestinal Hormone Profile Following the Whipple Procedure; 179
Randomized Trial of Duodenum-Preserving Pancreatic Head Resection Versus Pylorus-Preserving Whipple in Chronic Pancreatitis; 65